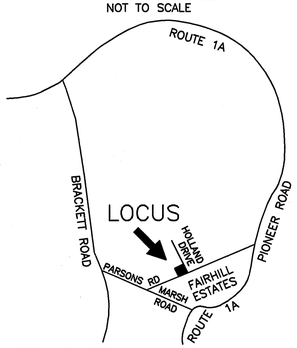
LOCUS MAP

NOT TO SCALE



SOIL CLASS: 140 CHATFIELD–HOLLIS–CANTON

(SOURCE: USDA–SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 SET SPIKE 1.5' OFF EP ELEV 46.36

#2 WATER GATE ELEV 48.80

#3 TOP OF STONE BOUND ACROSS RD ELEV 53.95

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 49.3
WHICH IS APPROX 24" BELOW ORIGINAL GROUND AT THE HIGH END OF THE DESIGNED EDS, ELEV 51.3

SUITABLE REPLACEMENT AREA:

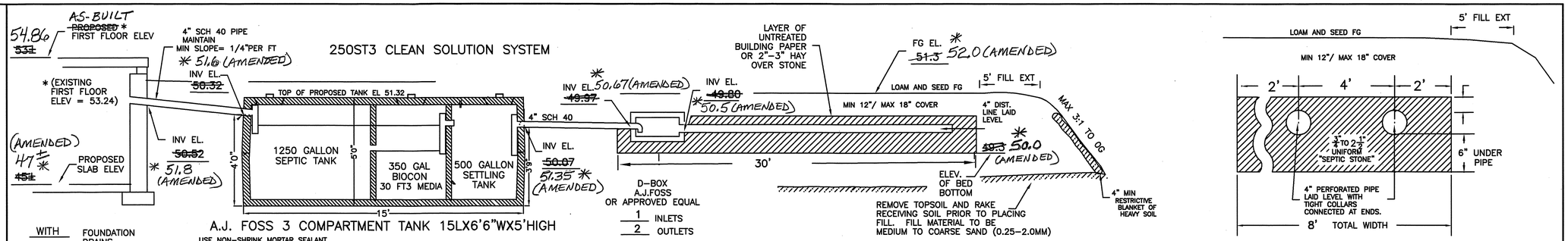
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

50	EXISTING CONTOUR
(50)	PROPOSED CONTOUR
50.0	EXISTING SPOT ELEVATION
(50.0)	PROPOSED SPOT ELEVATION

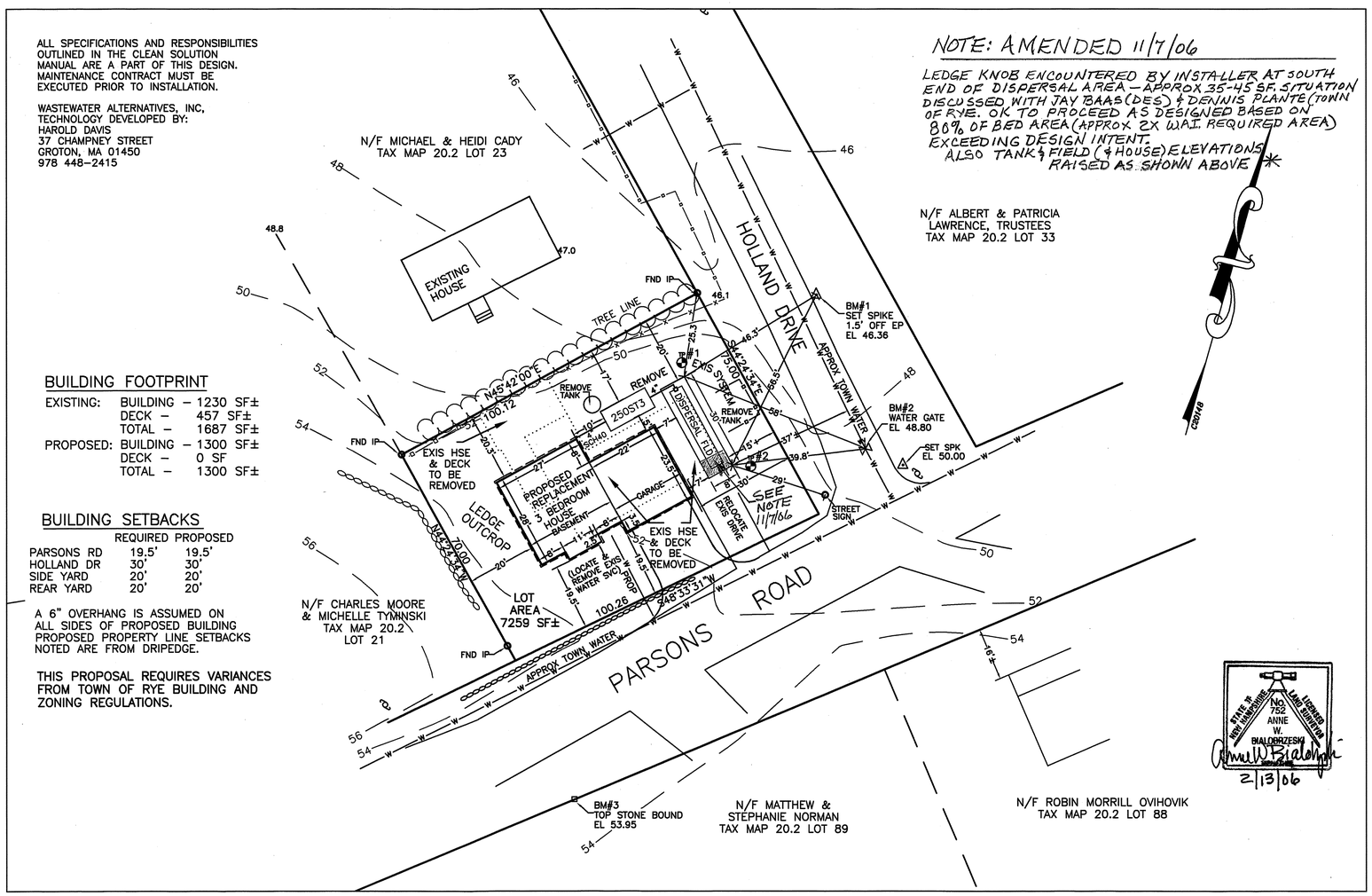
NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:
RCRD PLAN #0201 (1921)
2. NHDES–WS&PCD SUBDIVISION APPROVAL NUMBER: N/A LOT OF RECORD 1921
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL WASTE.
4. NO SURFACE WATER OR WELL WITHIN 100' OF PROPOSED SYSTEM.
5. REMINDER TO INSTALLER: TIES FOR SYSTEM LOCATION ARE HORIZONTAL DISTANCES.



CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE

PLAN : 1"=20'



BUILDING FOOTPRINT

EXISTING:	BUILDING –	1230 SF±
	DECK –	457 SF±
	TOTAL –	1687 SF±
PROPOSED:	BUILDING –	1300 SF±
	DECK –	0 SF
	TOTAL –	1300 SF±

BUILDING SETBACKS

	REQUIRED	PROPOSED
PARSONS RD	19.5'	19.5'
HOLLAND DR	30'	30'
SIDE YARD	20'	20'
REAR YARD	20'	20'

A 6" OVERHANG IS ASSUMED ON ALL SIDES OF PROPOSED BUILDING PROPOSED PROPERTY LINE SETBACKS NOTED ARE FROM DRIPEDGE.

THIS PROPOSAL REQUIRES VARIANCES FROM TOWN OF RYE BUILDING AND ZONING REGULATIONS.

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS MAINTENANCE CONTRACT SUBMITTED WITH APPLICATION FOR SYSTEM APPROVAL.

ENV–WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.
(b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.
ENV–WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
ENV–WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
ENV–WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.
ENV–WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TP TEST PIT DATA

DATE: OCTOBER 19, 2005

TOWN INSPECTOR: DENNIS PLANTE

TEST PIT #1 ELEV 51.0

0 – 4" LOAM AND ROOT MAT (TO BE REMOVED)
4 –75" 10YR4/4 TO 4/6 GRAVELLY LOAMY SAND GRANULAR, FRIABLE TO LOOSE

NO EVIDENCE OF SHWT, LEDGE @ 75",
NO OBSERVED WATER, ROOTS TO 5'+

TEST PIT #2 ELEV 51.3

0 – 4" LOAM AND ROOT MAT (TO BE REMOVED)
4 –48" 10YR4/4 GRAVELLY MED TO COARSE SAND SINGLE GRAIN, LOOSE

NO EVIDENCE OF SHWT, LEDGE @ 48"
NO OBSERVED WATER, ROOTS TO 2'+

PT PERC TEST DATA

DATE: OCTOBER 19, 2005

PERC RATE: 2 MIN/IN @ 24"

DESIGN LOADING: EXISTING 3 BEDROOM HOUSE

AREA REQUIRED: FOR WASTEWATER ALTERNATIVES SYSTEM 75–100 SF DISPERSAL AREA REQUIRED

AREA PROPOSED: 8' X 30' = 240 SF DISPERSAL AREA PROVIDED

PROPOSED REPLACEMENT

SEPTIC SYSTEM PLAN

EXISTING FAILED SYSTEM

LOCUS: 105 PARSONS ROAD
RYE, NH

OWNER: CRAIG GOLDSWORTHY (GOLDSWORTHY PROPERTIES LLC)
607 LONG JOHN ROAD
RYE, NH 03870

NEW HAMPSHIRE Designer of Subsurface Disposal Systems * * * Ann W. Bialobrzeski No. 348 Water Supply & Pollution Control

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843–1306

DATE: OCTOBER 24, 2005
AMENDED 2/13/06 * 11/7/06
BUILDING ONLY SEE NOTE

APPROVAL: CA2005076932